

ABSTRACT

A developing device includes a developing agent carrying member ~~which rotates in the same direction as~~ and a latent image carrying member ~~while carrying a developing agent~~. A casing ~~is provided to form~~ having a developing agent storing space ~~therein~~ for storing developing agent ~~and~~ has an opening whereby a portion of the surface of the developing agent carrying member faces the latent image carrying member. A ~~developing agent~~ restricting member is provided ~~upstream of a developing region~~ within the casing ~~such that a gap is formed between the developing agent restricting member and the developing agent carrying member~~ to restrict the amount of developing agent supplied to the developing region. ~~Means for generating a~~ A magnetic field ~~are~~ is provided so that the developing agent forms a magnetic brush closing off the space between the surface of the developing agent carrying member and the inner wall of the casing. A gas exhaust path is provided in an upstream space of the developing region between the surface of the developing agent carrying member and the inner wall of the casing ~~so as to exhaust gas generated in the~~ upstream space.